



SCI ENGINEERING, INC.

**Earth.
Science.
Solutions.**

SCI Engineering, Inc. (SCI) is a multi-discipline engineering firm that has been providing environmental and geotechnical services as well as natural resources, cultural resources, and construction materials testing services since 1978.

Since our founding, we have steadily grown to six offices and nearly 200 employees located in Missouri, Illinois, Texas and Colorado. SCI has the ability and mobility to provide our services across the United States.

SCI serves a wide array of clients in multiple market sectors. Those sectors include, but aren't limited to Federal, Transportation, Oil, Gas and Energy, Healthcare, Industrial and Manufacturing, Government and Local Agencies, Residential, Urban Redevelopment, and Education.

Our ability to develop innovative and cost-effective design solutions is not only a result of the diversity and experience of our

staff, but also the commitment between service groups to work as a team to provide our clients with quality consulting services.

SCI brings value to our clients by providing:

- A single point-of-contact for all of SCI's services;
- Project-dedicated engineers/professionals to ensure consistency and quality;
- Aggressive and flexible schedule to meet project milestones;
- Seamless communication of test results with the construction team; and
- Comprehensive weekly updates

We refer to this project management approach as The SCI Way. This experience is customized to meet the needs of each and every client.



www.sciengineering.com



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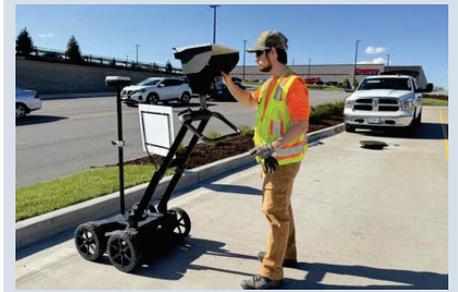
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Geotechnical Services

- Subsurface Exploration
- Foundation Analysis
- Seismic Hazard Analysis
- Soil Borings
- Soil Stabilization
- Excavation Analyses
- Slope Stability Analysis
- Groundwater Studies
- Earth Dam Design
- Pavement Design
- Failure Analysis
- Retaining Wall Design
- Undermining Evaluation

Geophysical Services

- Ground Penetrating Radar
- Pavement and Bridge Deck Evaluation
- Utility Locating (SUE)
- Shear Wave Velocity Measurements (MASW, ReMi)
- Bedrock Mapping
- Karst Feature Characterization
- Resistivity Testing



Environmental Services

- Phase One and Two Environmental Site Assessments
- NEPA Evaluations and Consultations
- Third Party Air Sampling
- UST Removal Monitoring, Reporting and Plume Delineation
- Remedial Action Plans, System Monitoring and Reporting
- GeoProbe, Piezometer and Monitoring Well Installations
- Subsurface Explorations
- Remediation Specifications
- National Pollutant Discharge Elimination System Monitoring and Reporting
- Spill Prevention Control and Countermeasure (SPCC) Plans
- Compliance Audits and Annual Emissions Reporting
- Noise testing Services
- Risk Assessments
- Regulatory Consulting
- Surveys for Asbestos, Lead-based Paint, and Mold

Natural Resource Services

- Stream and Wetland Mitigation Banking
- Wetland Delineations and Permitting
- Endangered Species Consultation
- Bioengineering/Biostabilization
- Natural Resource Mapping Watershed Assessments
- Flora and Fauna Studies
- Section 401, 402, 404 Clean Water Act Permits
- Wetland and Stream Restoration Design
- Stormwater Pollution Prevention Plans
- Water Quality Sampling and Monitoring
- Erosion Control Monitoring



Cultural Resource Services

- Section 106 Correspondence
- Archaeological Surveys- Phase I, Phase II and Phase III
- Historic Cemetery Delineation
- Geophysical Investigations
- Tribal Consultation Assistance
- Historic Property Documentation HABS/HAER
- View Shed Calculations
- Archaeological/Historic Property Impact Studies
- Historic Research
- Pre-Construction Consultations
- Archaeological Monitoring of Construction

Construction Materials Testing and Inspection Services

- Structural Masonry Quality Control
- Portland Cement Quality Control
- Asphaltic Concrete Quality Control
- Foundation Testing
- Controlled Earth Fill Testing
- Structural Steel Observation
- Laboratory Soil Testing
- Aggregate Testing
- USACE-Certified Laboratories
- Non-destructive Testing
- ICC-certified Special Inspectors for:
 - Structural Steel Welding
 - Structural Masonry
 - Reinforced Concrete
 - Post-Tensioned Concrete
 - Fireproofing



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National Environmental Policy Act (NEPA) Services

SCI Engineering provides a broad range of consulting services, specializing in National Environmental Policy Act (NEPA) assessments and documentation. We have extensive experience conducting studies and preparing reports to ensure compliance with the NEPA process. We have successfully supported various infrastructure projects including roadways, railways, levees, utility easements, parks, and healthcare and educational facilities. Our team remains committed to staying up-to-date with ever evolving state and federal regulations ensuring the highest level of expertise and compliance.

Environmental Services

- NEPA Evaluations and Documentation
- Noise and Vibration Analysis/ Testing
- Endangered Species Act (ESA) compliance
- Clean Water Act (CWA) compliance and Floodplain Reviews
- Section 404/401 Permitting Services
- Cultural and Architectural Resource Surveys
- Section 106 National Historic Preservation Act (NHPA) Compliance
- Farmland Protection Policy Act (FPPA) Reviews
- Section 4(f) and 6(f) Reviews
- Phase One and Two Environmental Site Assessments
- Public Involvement Meetings



Representative Projects

- Old Lemay Ferry Road Improvements
- Interstate-70 Outer Road Improvements -5th Street to Fairgrounds
- Interstate-70 Improvements -Cave Springs to Mid Rivers Mall Drive
- Echo Bluff State Park
- Binz Engelman Road
- St Charles Gateways
- Chesterfield Outer Road Extension
- Interstate 70 Improvements SIU-1, 2, 6
- Interstate 44 – Springfield, MO
- MidAmerica Airport to Scott/Shiloh Metrolink Extension
- Steward Creek Solar

"I want to thank SCI for exceptional services.... SCI's responsiveness, professionalism, field experience and broad range of geological, asbestos, and other environmental expertise have served Norfolk Southern's requirements without exception."

—W. Bryan Salley
Norfolk Southern Corporation

What We Do

SCI has been providing engineering and consulting services since 1978 and specializes in the fields of environmental, geotechnical, natural and cultural resources, and construction materials testing services. SCI's team of diverse talent develops innovative, value-driven and cost-effective design solutions for our clients.

How We Do It

SCI is committed to gaining a comprehensive understanding of each project's unique objectives including timeline and budget. This allows us to provide a customized approach and meet the specific needs of each client and the design/construction team. SCI strives to make a positive impact everywhere we work.

Who We Are

SCI is a multi-discipline engineering firm that provides innovative and tailored solutions for clients and projects across the country. Since our founding, SCI has grown steadily, evolving into a comprehensive, award-winning firm with nearly 200 dedicated employees and six office locations Nationwide.

**For more information contact: Ed Grimmer, Vice President
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